

WHAT IS CLAIMED IS:**CLAIMS**

1. A method for resynchronizing a Point-to-Point Protocol (PPP) session that has been initiated between a first network and an access terminal (AT) and subsequently continued between a second network and the AT, the method comprising:

determining whether an indicator of the second network is set to indicate the support of the Location Update Protocol;

if the indicator indicates the support of the Location Update Protocol, then transmitting an unsolicited location notification message (ULNM) from the AT to the second network; and

if the indicator indicates a lack of support for the Location Update Protocol, then transmitting a Link Control Protocol Configuration Request message (LCPConfigRequest) to the new network.

2. The method of Claim 1, wherein the second network is a cdma2000 1xEV-DO network.

3. The method of Claim 1, wherein the indicator is a RANHandoff indicator.

4. Apparatus for resynchronizing a Point-to-Point Protocol (PPP) session that has been initiated between a first network and an access terminal (AT) and subsequently continued between a second network and the AT, the method comprising:

means for determining whether an indicator of the second network is set to indicate the support of the Location Update Protocol;

means for transmitting an unsolicited location notification message (ULNM) from the AT to the second network if the indicator indicates the support of the Location Update Protocol; and

means for transmitting a Link Control Protocol Configuration Request message (LCPConfigRequest) to the new network if the indicator indicates a lack of support for the Location Update Protocol.

5. Apparatus for resynchronizing a Point-to-Point Protocol (PPP) session that has been initiated between a first network and an access terminal (AT) and subsequently continued between a second network and the AT, the apparatus comprising:

at least one memory element; and

at least one processing element configured to execute a set of instructions stored in said at least one memory element, the set of instructions for:

determining whether an indicator of the second network is set to indicate the support of the Location Update Protocol;

transmitting an unsolicited location notification message (ULNM) from the AT to the second network if the indicator indicates the support of the Location Update Protocol; and

transmitting a Link Control Protocol Configuration Request message (LCPConfigRequest) to the new network if the indicator indicates a lack of support for the Location Update Protocol.

6. A method for resynchronizing a Point-to-Point Protocol (PPP) session that has been initiated between a first network and an access terminal (AT), the method comprising:

determining whether the AT has entered the coverage area of a second network;

transmitting a Link Control Protocol (LCP) packet to the second network from the AT;

receiving a second LCP protocol packet from the second network at the AT;

comparing a value in the second LCP protocol packet with a stored value; and

if the value in the second LCP protocol packet is not the same as the stored value, then resynchronizing the PPP session.

7. The method of Claim 6, wherein the value in the second LCP protocol packet is a PPP Magic Number value and the stored value is a stored PPP Magic Number.

8. Apparatus in an Access Terminal (AT) for determining whether to initiate resynchronization of a Point-to-Point Protocol (PPP) session that originated between a first network and the AT, the apparatus comprising:

at least one memory element; and

at least one processing element configured to execute a set of instructions stored within the at least one memory element, the set of instructions for:

determining whether the AT has entered the coverage area of a second network;

transmitting a Link Control Protocol (LCP) packet to the second network;

receiving a second LCP protocol packet from the second network;

comparing a magic number in the second LCP protocol packet with a stored magic number; and

if the magic number in the second LCP protocol packet is not the same as the stored magic number, then initiating resynchronization of the PPP session.